

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(("5779802") or ("6444945") or ("5776359").PN.	USPAT	OR	OFF	2006/04/17 12:16
S31	29533	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.35.cccls. or 156/345.351.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/560.cccls. or 137/561r.cccls. or 137/561a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/146-147.cccls. or 261/113.cccls. or 261/140.cccls. or 261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/94-96.cccls. or 261/75-76.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/141.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/03/30 20:47
S34	7874	137/262-264.cccls. or 137/454.2 or 137/560r.cccls. or 137/561a.cccls. or 137/599.05-599.07.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/146-147.cccls. or 261/113.cccls. or 261/140.cccls. or 261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/94-96.cccls. or 261/75-76.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/141.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S35	2413	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S36	471	261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S37	2607	261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S38	7161	261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/113.cccls. or 261/141.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S39	29603	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/560.cccls. or 137/561r.cccls. or 137/561a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/146-147.cccls. or 261/113.cccls. or 261/140.cccls. or 261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/94-96.cccls. or 261/75-76.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/141.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S40	2013	(118/723e.cccls. or 118/723er.cccls. or 156/345.43-345.47.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03

## EAST Search History

S41	9736	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S42	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S43	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S44	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S45	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/94-96.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S46	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/141.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S47	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.52 or 137/454.2 or 137/560.ccls. or 137/561.r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/141.ccls.) S40 or S47	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S48	31053	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S49	2013		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03

EAST Search History

## EAST Search History

S58	2125	(118/723.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S59	10209	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S60	7968	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561rccls. or 137/561accls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S61	2464	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S62	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S63	2620	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S64	7212	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S65	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.51.ccls. or 137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561rccls. or 137/561accls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/46-47.ccls. or 261/50.ccls. or 261/19-22.ccls. or 261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17
S66	31830	S58 or S65	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:17

## EAST Search History

S67	2125	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 13:17
S68	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.26.ccls. or 137/262-264.ccls. or 137/454.2 or 137/454.2 or 137/561r.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls. or 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 13:17
S69	1174	118/723ve.ccls. or 118/723cb.ccls. or 118/723eb.ccls. or 118/723fe.ccls. or 118/723fi.ccls. or 118/723ff.ccls. or 118/723fi.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 13:44
S70	3	S69 and (laser with (gas and jet))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 14:29
S71	5	S69 and (laser same (gas and jet)) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 14:32
S72	14	S69 and (laser and (gas with jet)) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/04 14:37
S73	50	S69 and (laser and microwave) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 10:43
S74	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.26.ccls. or 137/262-264.ccls. or 137/454.2 or 137/454.2 or 137/561r.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls. or 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 10:33
S75	7968	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/590.ccls. or 137/591-576.ccls. or 137/591-576.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 10:33

EAST Search History

S76	2464	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S77	479	261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S78	2620	261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S79	7212	261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/113.cccls. or 261/14.1.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S80	30289	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/561a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.) or (261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/14.1.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S81	2125	(118/723e.cccls. or 118/723er.cccls. or 156/345.43-345.47.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S82	10209	118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S83	7968	137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/591.01.cccls. or 137/594-596.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S84	2464	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33

EAST Search History

S85	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.					2006/04/05 10:33
S86	2620	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/62-63.ccls.					2006/04/05 10:33
S87	7212	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.					2006/04/05 10:33
S88	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)					2006/04/05 10:33
S89	31830	S81 or S88					
S90	2125	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)					2006/04/05 10:33
S91	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)					2006/04/05 10:33
S92	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.01.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)					2006/04/05 10:33

EAST Search History

S93	7968	137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.r.cccls. or 137/590.cccls. or 137/591.07.cccls. or 137/602.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S94	2464	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S95	479	261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S96	2620	261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S97	7212	261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S98	30289	(118/71.5.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/44-47.cccls. or 141/301-302.cccls. or 141/367.cccls.) or (261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S99	2125	(118/723.ecccls. or 118/723er.cccls. or 156/345.43-345.47.cccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S100	10209	118/715.cccls. or 118/778.cccls. or 118/850.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.51.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S101	7968	137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.r.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/591.05-599.07.cccls. or 137/602.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33

EAST Search History

S102	2464	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S103	479	261/1/27.ccls. or 261/1/31.ccls. or 261/1/46-147.ccls. or 261/1/50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S104	2620	261/1/9-22.ccls. or 261/1/23..1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S105	7212	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S106	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/561.r.ccls. or 137/561.r.ccls. or 137/561.a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S107	31830	S99 or S106	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S108	2125	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S109	30289	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.r.ccls. or 137/561.a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33
S110	1174	118/723ve.ccls. or 118/723cb.ccls. or 118/723eb.ccls. or 118/723fe.ccls. or 118/723fi.ccls. or 156/345.33.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 10:33

EAST Search History

S111	3	S110 and (laser with (gas and jet))				2006/04/05 10:33
S112	5	S110 and (laser same (gas and jet)) not S111				2006/04/05 12:42
S113	14	S110 and (laser and (gas with jet)) not S111				2006/04/05 10:33
S114	50	S110 and (laser and microwave) not S111				2006/04/05 10:33
S115	197	S110 and laser				2006/04/05 10:43
S116	10	("4683838"   "4947085"   "4950642"   "5022977").PN. OR ("5779802").URPN.				2006/04/05 11:52
S117	744	118723mw.ccls. or 118/723me.ccls. or 156/345.35.ccls.				2006/04/05 11:53
S118	90	S117 and laser and (microwave or magnetron)				2006/04/05 11:53
S119	30	("4656052"   "4657774"   "4683149"   "4778561").PN. OR ("4883686").URPN.				2006/04/05 12:13
S120	46	"remote plasma source" and laser and vaporiz\$3 (remote with plasma) and laser and vaporiz\$3 not S120				2006/04/05 12:16
S121	120	(remote and plasma) and laser and vaporiz\$3 not S120				2006/04/05 12:33
S122	0	(remote and plasma) and laser and vaporiz\$3 not S120				2006/04/05 12:33

## EAST Search History

S123	0	(remote and plasma) and laser and vaporiz\$3		EPO; JPO; DERWENT ; IBM_TDB	OR	ON	ON	2006/04/05 12:33
S124	57	(remote and plasma) and laser		EPO; JPO; DERWENT ; IBM_TDB	OR	ON	ON	2006/04/05 12:34
S125	30	S110 and (laser and (gas and jet)) not S111		US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	ON	2006/04/05 12:42
S126	4	(US-6028393-\$ or US-5779802-\$ or US-4883686-\$ or US-5522343-\$).did		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 12:48
S127	280	"Knudsen cell"		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:51
S128	42	S127 and drops		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:21
S129	0	S127 and (drops with "mu.")		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:21
S130	0	S127 and (mist with "mu.")		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:22
S131	0	S127 and (mist with ".\nuu.")		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:22
S132	0	S127 and (mist with " .nu. ")		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:22
S133	0	S127 and (mist with "mu'm")		USPAT USPAT USPAT USPAT	OR OR OR OR	ON ON ON ON	ON	2006/04/05 14:22
S134	0	S127 and ((mist or drops) with size)		US-PGPUB; USPAT; USOCCR;	OR	ON	ON	2006/04/05 14:22
S135	0	S127 and ((mist or drops) with diameter)		EPO; JPO; DERWENT ; IBM_TDB	OR	ON	ON	2006/04/05 14:25
S136	3	S127 and ((mist or drops) and vibrat\$3)		US-PGPUB; USPAT; USOCCR;	OR	ON	ON	2006/04/05 14:30
S137	0	plasma and "effusion cell" and ((mist or drops) and vibrat\$3)		EPO; JPO; DERWENT ; IBM_TDB	OR	ON	ON	2006/04/05 14:31
S138	0	plasma and "effusion cell" and vibrat\$3		US-PGPUB; USPAT; USOCCR;	OR	ON	ON	2006/04/05 14:31

## EAST Search History

S139	0	plasma and "effusion cell" and vibrat\$4				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 14:31
S140	6	plasma and "effusion cell" and vibrat\$4				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 14:31
S141	41	"Knudsen cell" and coils				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 14:52
S142	5	"Knudsen cell" with coils				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 14:53
S143	36	S141 not S142				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 15:26
S144	145	S127 and electrode				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 15:32
S145	17	S127 and electrode and magnets				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 15:32
S146	17	S127 and electrode and magnet				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 15:59
S147	2016	deposit\$3 and (drops or mist) and vibrat\$3 and (jet or stream) and plasma				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 16:00
S148	277	deposit\$3 and (drops or mist) and vibrat\$3 and (jet or stream) and plasma and "NaOH"				US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/05 17:03

## EAST Search History

S149	1398	\$147 not \$148 and (chamber or vessel or reactor)				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 16:12
S150	47	\$149 and (mass with distribution)				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 16:33
S151	23	\$147 and (mass with distribution) not S149				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 16:35
S152	396	\$147 and (mass and (radius or diameter or size)) not S149				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 16:35
S153	167	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and "NaOH"				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 17:18
S154	627	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and (sodium hydroxide)				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 17:18
S155	159	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and ("sodium hydroxide")				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 17:23
S156	208	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and ("sodium hydroxide") not S155				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/05 17:23
S157	73016	(wafer or substrate) and vibrat\$3				US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	ON	2006/04/17 10:55

## EAST Search History

S158	5976	(wafer or substrate) and vibrat\$3 and droplets		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 10:57
S159	1526	(wafer or substrate) and (vibrat\$3 with droplets)		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 10:57
S160	1022	S159 and (chamber or reactor)		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 10:58
S161	364	S158 and NaOH		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 10:57
S162	364	S158 and "NaOH"		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 10:58
S163	267	S161 and (chamber or reactor)		US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 12:16